Comparisons of Job Characteristics

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
English Language	11.2	16.6	16.2	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	16.1	12.6	<<	Extensive education and/or training may be required
Law and Government	5.9	15.5	10.5	<<	Extensive education and/or training may be required
Administration and Management	8.4	14.8	9.8	<<	Extensive education and/or training may be required
Geography	3.9	14.3	8.0	<<	Extensive education and/or training may be required
Transportation	4.6	13.7	4.9	<<	Extensive education and/or training may be required
Design	5.2	12.0	7.1	<<	Extensive education and/or training may be required
Building and Construction	4.0	10.3	4.2	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	10.2	3.9	<<	Extensive education and/or training may be required
History and Archeology	2.6	10.0	5.1	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	9.4	8.5	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Judgment and Decision Making	9.4	13.4	9.6	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	13.0	8.1	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	11.3	7.6	<<	Extensive development of skills in this area may be required
Persuasion	7.4	10.4	7.0	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	9.8	5.2	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	7.5	3.8	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Deductive Reasoning	10.6	13.6	11.0	<	Some improvement in abilities may be required
Speech Clarity	10.2	13.1	10.8	<	Some improvement in abilities may be required
Written Expression	9.8	13.1	11.8	<	Some improvement in abilities may be required
Speech Recognition	9.9	12.3	10.2	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.5	8.2	<<	Extensive improvement in abilities may be required
Visualization	7.5	10.6	7.2	<<	Extensive improvement in abilities may be required
Originality	7.6	10.3	8.9	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	9.5	7.7	<	Some improvement in abilities may be required
Number Facility	6.3	9.1	8.4	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Work Activities	Exclusivity of Activity
Analyze ecosystem data	69
Analyze social or economic data	63
Collect scientific or technical data	30
Collect social or personal information	70
Collect statistical data	47
Communicate technical information	4
Compile data on economic, social, or physical factors affecting land use	92
Compile information through interviews	68
Compile numerical or statistical data	38
Confer with authorities or community groups	85
Create mathematical or statistical diagrams or charts	43
Determine regulatory limitations on project	99
Develop or maintain databases	30
Develop tables depicting data	33
Draw maps or charts	69
Ensure conformance to building regulations	95
Establish and maintain relationships with community organizations	81
Explain government laws or regulations	68
Explain government rules or policies	81
Follow contract, property, or insurance laws	70
Follow tax laws or regulations	82
Interpret charts or tables for social or economic research	70
Maintain awareness of social trends	71
Make presentations	13
Prepare reports	8
Prepare required government reports	78
Prepare technical reports or related documentation	22
Recognize interrelationships among individuals or social groups	74
Recognize interrelationships among social statistics or indicators	77
Research property records	77
Understand property documents	77
Use building or land use regulations	65
Use computers to enter, access or retrieve data	3
Use conflict resolution techniques	56
Use current social research	62
Use interpersonal communication techniques	10
Use interviewing procedures	23
Use knowledge of economic trends	77
Use knowledge of environmental laws and regulations	76
Use knowledge of investigation techniques	16
Use labor market information	87
Use library or online Internet research techniques	21
Use mathematical or statistical methods to identify or analyze problems	30
Use oral or written communication techniques	1
Use public speaking techniques	13
Use quantitative research methods	35

Use relational database software	26
Use scientific research methodology	21
Use spreadsheet software	18
Use word processing or desktop publishing software	17
Work as a team member	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Urban and Regional Planners (19-3051)

Tools and Technologies	Exclusivity
Business function specific software	1
Computer printers	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.